

PTO/SB/08a (05-03)

Approved for use through 04/30/2003, OMB 0851-0031  
**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**  
A collection of information. Use or disclosure is mandatory. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/587,700
				Filing Date	February 3, 2008
				First Named Inventor	Kyogo ITO
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	3180-090
Sheet	1	of	1		

## **NON PATENT LITERATURE DOCUMENTS**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). See *Kinds Codes of USPTO Patent Documents* at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.J.). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
A collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/507,700
				Filing Date	February 3, 2008
				First Named Inventor	Kyogo ITO
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	319D-090

## **NON PATENT LITERATURE DOCUMENTS**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



APR 10 2006

PTO/SB/08a (05-03)

PTC/US08a (03-03)

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Sheet 1 of 2

**Street:** \_\_\_\_\_ **City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_ **Attorney's Bar Number:** \_\_\_\_\_

**Complete if Known**

Application Number	10/567,700
Filing Date	February 3, 2006
First Named Inventor	Kyogo ITO
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	3190-090

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **'**Applicant's unique citation designation number (optional). **'**See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **'**Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **'**For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **'**Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. **'**Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

APR 10 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet

2

of

2

**Complete if Known**

Application Number	10/587,700
Filing Date	February 3, 2006
First Named Inventor	Kyogo ITO
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	3190-090

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>
/S.H./		YANG et al., "Identification of A Gene Coding for a Protein Possessing Shared Tumor Epitopes Capable of Inducing HLA-A24-restricted Cytotoxic T Lymphocytes in Cancer Patients," CANCER RESEARCH, Vol. 59, August 15, 1991, pp. 4056-4063.	
		NISHIZAKA et al., "A New Tumor-Rejection Antigen Recognized by Cytotoxic T Lymphocytes Infiltrating in a Lung Adenocarcinoma," CANCER RESEARCH, Vol. 60, September 1, 2000, pp. 4830-4837.	
		HARASHIMA et al., "Recognition of the Lck Tyrosine Kinase as a Tumor Antigen by Cytotoxic T Lymphocytes of Cancer Patients with Distant Metastases," EUR. J. IMMUNOL., Vol. 31, 2001, pp. 323-332.	
		GARCIA-WELSH et al., "Alterations in Expression of p56 <sup>ck</sup> During Myeloid Differentiation of LSTEA Cells," CELL GROWTH & DIFFERENTIATION, Vol. 5, November 1994, pp. 1215-1223.	
		KIKUCHI et al., "Identification of a SART-1-Derived Peptide Capable of Inducing HLA-A24-Restricted and Tumor-Specific Cytotoxic T Lymphocytes," INT. J. CANCER, Vol. 81, 1999, pp. 459-466.	
		NAKAO et al., "Identification of a Gene Coding for a New Squamous Cell Carcinoma Antigen Recognized by the CTL," THE JOURNAL OF IMMUNOLOGY, 2000, pp. 2565-2574.	
		BENDANDI et al., "Complete Molecular Remission Induced by Patient-Specific Vaccination Plus Granulocyte-Monocyte Colony-Stimulating Factor Against Lymphoma," NATURE MEDICINE, Vol. 5, No. 10, October 1999, pp. 1171-1177.	
		TROJAN et al., "Immunoglobulin Framework-Derived Peptides Function as Cytotoxic T-cell Epitopes Commonly Expressed in B-Cell Malignancies," NATURE MEDICINE, Vol. 6, No. 6, June 2000, pp. 667-672.	
		PINILLA-IBARZ et al., "Vaccination of Patients With Chronic Myelogenous Leukemia with bcr-abl Oncogene Breakpoint Fusion Peptides Generates Specific Immune Responses," BLOOD, Vol. 95, No. 5, March 2000, pp. 1781-1787.	
		APPELBAUM, "Haematopoietic Cell Transplantation as Immunotherapy," NATURE, Vol. 411, May 17, 2001, pp. 385-389.	
		HSU et al., "Tumor-Specific Idiotype Vaccines in the Treatment of Patients with B-Cell Lymphoma -- Long-Term Results of a Clinical Trial," BLOOD, Vol. 89, No. 9, May 1, 1997, pp. 3129-3135.	
		MOLLDREM et al., "Targeted T-Cell Therapy for Human Leukemia: Cytotoxic T Lymphocytes Specific for a Peptide Derived From Proteinase 3 Preferentially Lyse Human Myeloid Leukemia Cells," BLOOD, Vol. 88, No. 7, October 1, 1996, pp. 2450-2457.	
		PASSONI et al., "ALK as a Novel Lymphoma-Associated Tumor Antigen: Identification of 2 HLA-A2.1-Restricted CD8+ T-cell Epitopes," BLOOD, Vol. 99, No. 6, March 15, 2002, pp. 2100-2106.	
		MIYAGI et al., "Induction of Cellular Immune Responses to Tumor Cells and Peptides in Colorectal Cancer Patients by Vaccination with SART3 Peptides," CLINICAL CANCER RESEARCH, Vol. 7, December 2001, pp. 3950-3962.	
/S.H./		ITO et al., "Molecular Basis of T Cell-mediated Recognition of Pancreatic Cancer Cells," CANCER RESEARCH, Vol. 61, March 1, 2001, pp. 2038-2046.	
Examiner Signature	/Sheela Huff/	Date Considered	10/29/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.